## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	((MIEZI) near2 (SUGIYAMA)).INV.	US-PGPUB; USPAT	ADJ	ON	2008/05/20 11:49
S2	4	((YOSHIMASA) near2 (ANDO)).INV.	US-PGPUB; USPAT	ADJ	ON	2008/05/20 11:49
S3	11	((YOSHIYUKI) near2 (TANIGUCHI)). INV.	US-PGPUB; USPAT	ADJ	ON	2008/05/20 11:51
S4	1	((MIEZI) near2 (SUGIYAMA)).INV.	EPO; JPO; DERWENT	ADJ	ON	2008/05/20 11:51
S5	31	((YOSHIMASA) near2 (ANDO)).INV.	EPO; JPO; DERWENT	ADJ	ON	2008/05/20 11:52
S6	72	((YOSHIYUKI) near2 (TANIGUCHI)). INV.	EPO; JPO; DERWENT	ADJ	ON	2008/05/20 11:52
S7	482	fix\$2 near2 bed and react\$3 near4 tube same catalyst and hot spot	US-PGPUB; USPAT	ADJ	ON	2008/05/20 12:25
S8	532	fix\$2 near2 bed and react\$3 near4 tube same catalyst and (hot spot or hotspot)	US-PGPUB; USPAT	ADJ	ON	2008/05/20 12:27
S9	70	S8 and "422"/\$.cds.	US-PGPUB; USPAT	ADJ	ON	2008/05/20 12:30
S10	7	("3566961"   "3850233"   "3871445"   "3898295"   "4657741"     "4929798"   "5161605").PN. OR ("7316804").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/20 12:41
S11	0	"2003006026"	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/05/20 12:54
S12	1	"20030006026"	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/05/20 12:54
S13	147	S8 and temperature near4 (sensor or measur\$4)	US-PGPUB; USPAT	ADJ	ON	2008/05/20 13:03
S14	9	("3871445"   "4203906"   "4256783"   "5149884"   "5277247"     "5821390").PN. OR ("6808689").   URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/20 13:25
S15	216	422/107.ccls.	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/05/20 13:45
S16	3	S15 and (hot spot or hotspot)	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/05/20 13:45
S17	1	S15 and fix\$2 near2 bed with reactor	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/05/20 13:47
S18	1	"4929798".pn.	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/05/20 14:53
S19	27	["2803440"   "3547188"   "3566961"   "3807963"   "4101287"   "4235281"   "4303618"   "4305910"   "4336770"   "4363787"     "4378336").PN. OR ("4929798").   URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/20 14:54

S20	4328	422/197,198,200,201,190.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/05/20 15:20
S21	138	S20 and fix\$2 near2 bed and react\$3 near3 tube	US-PGPUB; USPAT	ADJ	ON	2008/05/20 15:21
S22	4	S21 and multitubular	US-PGPUB; USPAT	ADJ	ON	2008/05/20 15:21
S23	4	("4368173").URPN.	USPAT	ADJ	ON	2008/05/20 15:23
S24	14	("4929798").URPN.	USPAT	ADJ	ON	2008/05/20 15:24
S25	17	S21 and (multitubular or multi near2 tubular)	US-PGPUB; USPAT	ADJ	ON	2008/05/20 15:27
S26	44	("4256783").URPN.	USPAT	ADJ	ON	2008/05/20 15:29
\$27	23	[("1439283"   "1921988"   "2232936"   "3915124"   "4249593"   "4256783"   "4431049"   "4431049"   "4431049"   "4431049"   "4564803"   "4564803"   "5565945"   "5378026"   "5758348"   "5778048"   "5778434"   "6821390"), PN. OR ("6431261"), URPN.	US-PGPUB; USPAT; USOCR	ADJ	<u>S</u>	2008/05/20 15:35
S28	10	("4488239").URPN.	USPAT	ADJ	ON	2008/05/20 16:12
S29	2	("5018086").URPN.	USPAT	ADJ	ON	2008/05/20 16:12
S30	1	"4929798".pn.	US-PGPUB; USPAT	ADJ	ON	2008/05/20 16:31
S31	1	"6333011".pn.	US-PGPUB; USPAT	ADJ	ON	2008/05/20 17:10
S32	15	("3147084"   "3285713"   "3645701"   "3656914"   "3736355"   "4224187"   "4267386"   "4342699"   "4929798"   "5739391").PN. OR ("6333011").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/20 17:14
S33	1	"4342699".pn.	US-PGPUB; USPAT	ADJ	ON	2008/05/20 17:28
S34	4	((MIEZI) near2 (SUGIYAMA)).INV.	US-PGPUB; USPAT	ADJ	ON	2008/12/02 11:49
S35	4	((MIEZI) near2 (SUGIYAMA)).INV.	US-PGPUB; USPAT	ADJ	ON	2008/12/05 11:49
S36	4	((YOSHIMASA) near2 (ANDO)).INV.	US-PGPUB; USPAT	ADJ	ON	2008/12/05 11:49
S37	14	((YOSHIYUKI) near2 (TANIGUCHI)). INV.	US-PGPUB; USPAT	ADJ	ON	2008/12/05 11:49
538	1	((MIEZI) near2 (SUGIYAMA)).INV.	EPO; JPO; DERWENT	ADJ	ON	2008/12/05 11:49
S39	31	((YOSHIMASA) near2 (ANDO)).INV.	EPO; JPO; DERWENT	ADJ	ON	2008/12/05 11:49
S40	72	((YOSHIYUKI) near2 (TANIGUOHI)). INV.	EPO; JPO; DERWENT	ADJ	ON	2008/12/05 11:49

S41	503	fix\$2 near2 bed and react\$3 near4 tube same catalyst and hot spot	US-PGPUB; USPAT	ADJ	ON	2008/12/05 11:49
S42	565	fix\$2 near2 bed and react\$3 near4 tube same catalyst and (hot spot or hotspot)	US-PGPUB; USPAT	ADJ	ON	2008/12/05 11:49
S43	82	\$42 and "422"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/12/05 11:49
S44	7	("3566961"   "3850233"   "3871445"   "3898295"   "4657741"     "4929798"   "5161605").PN. OR ("7316804").URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/12/05 11:49
S45	0	"2003006026"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/05 11:49
S46	1	"20030006026"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/05 11:49
S47	162	S42 and temperature near4 (sensor or measur\$4)	US-PGPUB; USPAT	ADJ	ON	2008/12/05 11:49
S48	9	("3871445"   "4203906"   "4256783"   "5149884"   "5277247"     "5821390").PN. OR ("6808689").   URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/12/05 11:49
S49	225	422/107.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/05 11:49
S50	3	S49 and (hot spot or hotspot)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/05 11:49
S51	1	S49 and fix\$2 near2 bed with reactor	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/12/05 11:49
S52	1	"4929798".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/05 11:49
S53	29	["2803440"   "3547188"   "3566961"   "3807963"   "4101287"   "4235281"   "4303618"   "4305910"   "436770"   "4363787"   "4378336").PN. OR ("4929798").	US-PGPUB; USPAT; USOCR	ADJ	000 	2008/12/05 11:49
S54	4443	422/197,198,200,201,190.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/12/05 11:49
S55	143	\$54 and fix\$2 near2 bed and react\$3 near3 tube	US-PGPUB; USPAT	ADJ	ON	2008/12/05 11:49
S56	4	S55 and multitubular	US-PGPUB; USPAT	ADJ	ON	2008/12/05 11:49
\$57	4	("4368173").URPN.	USPAT	ADJ	ON	2008/12/05 11:49
S58	16	("4929798").URPN.	USPAT	ADJ	ON	2008/12/05 11:49
S59	18	S55 and (multitubular or multi near2 tubular)	US-PGPUB; USPAT	ADJ	ON	2008/12/05 11:49
S60	45	("4256783").URPN.	USPAT	ADJ	ON	2008/12/05 11:49

S61	23	("1439283"   "1921986"   "2232936"   "3915124"   "4249593"   "4245678"   "4431049"   "4434840"   "4511162"   "4526409"   "4641608"   "4837360"   "5101892"   "5355945"   "5378026"   "5773414"   "5821390").PN. OR ("6431261").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/05 11:49
S62	10	("4488239").URPN.	USPAT	ADJ	ON	2008/12/05 11:49
S63	2	("5018086").URPN.	USPAT	ADJ	ON	2008/12/05 11:49
S64	1	"4929798".pn.	US-PGPUB; USPAT	ADJ	ON	2008/12/05 11:49
S65	1	"6333011".pn.	US-PGPUB; USPAT	ADJ	ON	2008/12/05 11:49
S66	16	("3147084"   "3285713"   "3645701"   "3656914"   "3736355"   "4224187"   "4267386"   "4342699"   "4929798"   "5739391").PN. OR ("6333011").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/05 11:49
S67	1	"4342699".pn.	US-PGPUB; USPAT	ADJ	ON	2008/12/05 11:49
S68	4	((MIEZI) near2 (SUGIYAMA)).INV.	US-PGPUB; USPAT	ADJ	ON	2008/12/05 11:49

<sup>12/5/2008 11:56:28</sup> AM

C:\ Documents and Settings\ Iseifu\ My Documents\ EAST\ Workspaces\ 10564434.wsp